

Current session 17/09/2002

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

17/09/02 14*54*03

Last connection: 13/09/02 16*55*05

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Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,73

The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.63 USD
Cost estimated for the last database search :		0.63 USD
Estimated total session cost	:	0.63 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Last update of file: 2002/09/11 (YYYY/MM/DD) 2002-36/UP (basic update)

Search statement 1

Query/Command : US5901641/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - **US5901641** A 19990511 [**US5901641**]
TI - (A) Baffle for deep fryer heat exchanger
PA - (A) AFC ENTERPRISES INC (US)
IN - (A) MCNAMARA ALBERT CHARLES (US)
AP - US18471998 19981102 [1998US-0184719]
PR - US18471998 19981102 [1998US-0184719]
IC - (A) A47J-037/00 A47J-037/12
EC - A47J-037/12G2
 F28F-013/12
PCL - ORIGINAL (O) : 099403000; CROSS-REFERENCE (X) : 099330000 126391100
DT - Basic
CT - US4228730; US4372980; US4639213; US4660542; US4684412; US4848318;
 US4913041; US4923705; US5185168; US5209218; US5417202; US5490449;
 US5706717; US5746195
 "Gas Immersion Tubes for Deep Fat Fryers," Research in Fundamentals of Immersion
 Tube Heating with Gas, Research Bulletin No. 24, AGA Testing Labs, pp. 20-21 (1944).
 Fig. 13 from the Ashrae Handbook, Fundamentals, p. 3.16 (1993).
STG - (A) United States patent
AB - A heat exchanger for a fryer system has at least one heat transfer conduit having heating
 fluid passing therethrough. A baffle plate is disposed in the heat transfer conduit, defining
 a plane and having a first surface, an opposed second surface, and a longitudinal axis
 which divides the baffle plate into a first portion and a second portion. A plurality of tabs,
 each having a longitudinal axis, extend outwardly from the baffle plate. A crease is
 defined along the intersection of each tab and the plate. At least one tab is positioned in
 the first portion of the baffle plate and at least one tab is positioned in the second portion
 of the baffle plate. Webs separate adjacent tabs from one another in a direction
 substantially perpendicular to the longitudinal axis of the tabs. In certain embodiments,
 the crease of at least one tab forms an acute angle with a longitudinal edge of the baffle
 plate.

1 / 1 LGST - ©LEGSTAT

PN - US 5901641 [US5901641]
AP - US 184719/98 19981102 [1998US-0184719]
DT - US-P
ACT - 19981102 US/AE-A
APPLICATION DATA (PATENT)
US 184719/98 19981102 [1998US-0184719]

19981123 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
AFC ENTERPRISES, INC. SUITE 1700 6 CONCOURSE PARKWAY ATLANTA,
GEORGIA 30328 * MCNAMARA, ALBERT C. : 19981028

19990511 US/A
PATENT

20020604 US/RF
REISSUE APPLICATION FILED
20020208

UP - 2002-24

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,901,641 A 19990511 [US5901641]
PA - AFC Enterprises Inc
ACT - 20000824 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: AFC ENTERPRISES, INC. DATE SIGNED: 06/01/2000

Assignee: ULTRAFRYER SYSTEMS, INC. 302 SPENCER LANE SAN ANTONIO,
TEXAS 78201-999

Reel 011064/Frame 0058

Contact: BANNER & WITCOFF, LTD. GREGORY J. COHEN 28 STATE STREET,
28TH FLOOR BOSTON, MA 02109

20020208 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020604
REISSUE REQUEST NUMBER: 10/072001
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1761

Reissue Patent Number:

1 / 2 PAST - ©Thomson Derwent

AN - 200223-001822
PN - 5901641 A [US5901641]
OG - 2002-06-04
ACT - REISSUE APPLICATION FILED

2 / 2 PAST - ©Thomson Derwent

AN - 200123-001374
PN - 5901641 A [US5901641]
ACT - PATENT SUIT

1 / 1 LITA - ©Thomson Derwent

AN - P2001-23-18
FS - PATENT (P)
PN - US5901641 19990511 (Utility)
PF - Ultrafryer Systems Incorporated
DF - Pitco Frilator Incorporated
CT - TX, Western Dist.
DN - SA-01-CA-393-HG
FD - 2001-05-11
ACT - A complaint was filed.

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,73
The cost estimation below is based on Questel's
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Estimated cost :	1.60 USD
Records displayed and billed : 1	
Estimated cost :	1.10 USD
Cost estimated for the last database search :	2.70 USD
Estimated total session cost :	3.33 USD

LGST - Time in minutes : 0,11
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.12 USD
Records displayed and billed : 1	
Estimated cost :	0.57 USD
Legal-Status informations : 1	
Estimated cost :	4.92 USD
Cost estimated for the last database search :	5.61 USD
Estimated total session cost :	8.94 USD

CRXX - Time in minutes : 0,12
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.18 USD
Records displayed and billed : 1	
Estimated cost :	5.00 USD

Legal-Status informations : 1
Estimated cost : 4.92 USD
Cost estimated for the last database search : 10.10 USD
Estimated total session cost : 19.04 USD

PAST - Time in minutes : 0,14
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.27 USD
Records displayed and billed : 2
Estimated cost : 11.22 USD
Legal-Status informations : 1
Estimated cost : 4.92 USD
Cost estimated for the last database search : 16.41 USD
Estimated total session cost : 35.45 USD

LITA - Time in minutes : 0,09
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.17 USD
Records displayed and billed : 1
Estimated cost : 10.85 USD
Legal-Status informations : 1
Estimated cost : 4.92 USD
Cost estimated for the last database search : 15.94 USD
Estimated total session cost : 51.39 USD

Selected file: INPADOC

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2002-36)
For information on content, ..INFO INPD.

Search statement 1

Query/Command : FAM US5901641/PN

1 Patent Groups

** SS 1: Results 8

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 8 INPADOC - ©INPADOC

PN - BR 9904987 A 20000829 [BR9904987]
TI - DEFLETOR PARA TROCADOR DE CALOR DE FRITADEIRA PROFUNDA.
IN - MCNAMARA ALBERT C
PA - AFC ENTERPRISES INC [US]
AP - BR 9904987/99-A 19991029 [1999BR-0004987]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/12

2 / 8 INPADOC - ©INPADOC

PN - CN 1253274 A 20000517 [CN1253274]
TI - VORTEX GENERATOR OF DEEP FRYING POT HEAT EXCHANGER
IN - MCNAMALA A C [US]
PA - U S SINEI CHICKEN CO [US]
AP - CN 99123659/99-A 19991102 [1999CN-0123659]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - F28F-009/24; A47J-037/12

3 / 8 INPADOC - ©INPADOC

PN - EP 998870 A2 20000510 [EP-998870]
TI - BAFFLE FOR DEEP FRYER HEAT EXCHANGER
LA - ENG
IN - MCNAMARA ALBERT C [US]
PA - AFC ENTERPRISES INC [US]
AP - EP 99308615/99-A 19991029 [1999EP-0308615]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/12; F28F-013/12
DS - AT* BE* CH* CY* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

1 / 1 LEGALI - ©LEGSTAT

PN - EP 998870 [EP-998870]
AP - EP 99308615/99 19991029 [1999EP-0308615]
DT - EP-P
ACTE - 19991029 EP/AE-A
EP-APPLICATION
EP 99308615/99 19991029 [1999EP-0308615]

20000510 EP/AK-A2 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT
SEARCH REPORT:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20000510 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI

20000510 EP/A2 [+]
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

20011031 EP/AK-A3 [+]
DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20011031 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI

20011031 EP/A3 [+]
SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)

20020703 EP/17P [+]
REQUEST FOR EXAMINATION FILED
20020430

20020717 EP/AKX [+]
PAYMENT OF DESIGNATION FEES
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

UP - 2002-29

4 / 8 INPADOC - ©INPADOC

PN - EP 998870 A3 20011031 [EP-998870]
TI - BAFFLE FOR DEEP FRYER HEAT EXCHANGER
LA - ENG
IN - MCNAMARA ALBERT C [US]
PA - AFC ENTPR INC [US]
AP - EP 99308615/99-A 19991029 [1999EP-0308615]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/12; F28F-013/12
DS - AT* BE* CH* CY* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

1 / 1 LEGALI - ©LEGSTAT

PN - EP 998870 [EP-998870]
AP - EP 99308615/99 19991029 [1999EP-0308615]
DT - EP-P
ACTE - 19991029 EP/AE-A
 EP-APPLICATION
 EP 99308615/99 19991029 [1999EP-0308615]

20000510 EP/AK-A2 [+]
 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT
 SEARCH REPORT:
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20000510 EP/AX [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 AL;LT;LV;MK;RO;SI

20000510 EP/A2 [+]
 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

20011031 EP/AK-A3 [+]
 DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20011031 EP/AX [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 AL;LT;LV;MK;RO;SI

20011031 EP/A3 [+]
 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)

20020703 EP/17P [+]
 REQUEST FOR EXAMINATION FILED
 20020430

20020717 EP/AKX [+]
 PAYMENT OF DESIGNATION FEES
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
UP - 2002-29

5 / 8 INPADOC - ©INPADOC

PN - JP 2000266488 A2 20000929 [JP2000266488]
TI - DEFLECTING MEMBER FOR HEAT EXCHANGER OF DEEP FRYING POT
IN - MCNAMARA ALBERT C
PA - AFC ENTPR INC
AP - JP 311256/99-A 19991101 [1999JP-0311256]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - F28F-001/40; A47J-037/12; F28D-001/053

6 / 8 INPADOC - ©INPADOC

PN - TW 450795 B 20010821 [TW-450795]
TI - HEAT EXCHANGER CONTAINED IN A FRYER SYSTEM AND BAFFLE FOR A
HEAT EXCHANGER IN FRYER SYSTEM
IN - MCNAMARA ALBERT CHARLES [US]
PA - AFC ENTPR INC [US]
AP - TW 88118672/99-A 19991028 [1999TW-0118672]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/12; A23L-001/01

7 / 8 INPADOC - ©INPADOC

PN - US 5901641 A 19990511 [US5901641]
TI - BAFFLE FOR DEEP FRYER HEAT EXCHANGER
IN - MCNAMARA ALBERT CHARLES [US]
PA - AFC ENTERPRISES INC [US]
AP - US 184719/98-A 19981102 [1998US-0184719]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/00; A47J-037/12

1 / 1 LEGALI - ©LEGSTAT

PN - US 5901641 [US5901641]
AP - US 184719/98 19981102 [1998US-0184719]
DT - US-P
ACTE - 19981102 US/AE-A
APPLICATION DATA (PATENT)
US 184719/98 19981102 [1998US-0184719]

19981123 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
AFC ENTERPRISES, INC. SUITE 1700 6 CONCOURSE PARKWAY ATLANTA,
GEORGIA 30328 * MCNAMARA, ALBERT C. : 19981028

19990511 US/A
PATENT

20020604 US/RF
REISSUE APPLICATION FILED
20020208
UP - 2002-24

8 / 8 INPADOC - ©INPADOC

PN - WO 200025646 A1 20000511 [WO200025646]
TI - BAFFLE FOR DEEP FRYER HEAT EXCHANGER
LA - ENG
IN - MCNAMARA ALBERT C
PA - AFC ENTERPRISES INC [US]
AP - WO US 9925612/99(US)-A 19991102 [1999WO-US25612]
PR - US 184719/98-A 19981102 [1998US-0184719]
IC - A47J-037/00
DS - ID*

1 / 1 LEGALI - ©LEGSTAT

PN - WO 200025646 [WO200025646]

AP - WO 9925612/99(US) 19991102 [1999WO-US25612]

DT - WO-P

ACTE - 19991102 WO/AE-A
APPLICATION DATA
WO 9925612/99(US) 19991102 [1999WO-US25612]

20000511 WO/AK-A1 [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
ID

20000511 WO/A1 [+]
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT

UP - 2000-21

PATNO IS 5901641

DATE: SEPTEMBER 17, 2002
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5901641

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5901641 , May 11, 1999 , Baffle for deep fryer heat exchanger , McNamara, Albert Charles, San Antonio, TX, 00184719 (), AFC Enterprises, Inc., Atlanta, GA

CORE TERMS: tab, heat, tube, baffle, longitudinal, row, crease, fluid, heat exchanger, heating ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5901641

<=1> GET 1st DRAWING SHEET OF 6

May 11, 1999

Baffle for deep fryer heat exchanger

REEXAM-LITIGATE: Ultrafryer Systems, Inc. v. Pitco Frilator, Inc., Filed May 11, 2001, D.C. W.D. Texas, Doc. No. SA-01-CA-393-HG

REISSUE: February 8, 2002 - Reissue Application filed Ex. Gp.: 1761; Re. S.N. 10/072,001 June 4, 2002

APPL-NO: 00184719 ()

FILED-DATE: November 2, 1998

GRANTED-DATE: May 11, 1999

CORE TERMS: tab, heat, tube, baffle, longitudinal, row, crease, fluid, heat exchanger, heating ...

ENGLISH-ABST:

A heat exchanger for a fryer system has at least one heat transfer conduit having heating fluid passing therethrough. A baffle plate is disposed in the heat transfer conduit, defining a plane and having a first surface, an opposed second surface, and a longitudinal axis which divides the baffle plate into a first portion and a second portion. A plurality of tabs, each having a longitudinal axis, extend outwardly from the baffle plate. A crease is defined along the intersection of each tab and the plate. At least one tab is positioned in the first portion of the baffle plate and at least one tab is positioned in the second portion of the baffle plate. Webs separate adjacent tabs from one another in a direction substantially perpendicular to the longitudinal axis of the tabs. In certain embodiments, the crease of at least one tab forms an acute angle with a longitudinal edge of the baffle plate.

5901641 OR 5,901,641

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.